

Floods Caused by Tropical Systems: North Branch Rancocas Creek at Pemberton

Latitude: 39.97

Period of Record: 1938-Present

Longitude: -74.684

Flood Stage: 2.5 ft

Last Flood: 5/1/2014

Number of Floods: 59

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/29/2011	4.91	2,400	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
8/21/1939	4.23	1,730	The remnants of the second hurricane of year produced heavy rain throughout the Mid-Atlantic region with 14.81 inches observed at Tuckerton, NJ.
8/28/1971	4.18	1,710	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
9/22/1938	4.02	1,680	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
9/13/1960	3.81	1,420	Hurricane Donna made its second landfall near Wilmington, NC as a Category 3 hurricane. It produced 6 to 8 inches of rain in Eastern Virginia and caused 3 fatalities.
6/14/1968	3.39	1,300	The remnants of Hurricane Abby combined with an extratropical cyclone and caused minor flooding.
9/17/1999	3.23	1,180	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
9/1/1940	3.11	1,480	The outer rainbands from Hurricane Four caused minor and moderate flooding at three MARFC forecast points.

Drainage Area: 118 sq mi

Tropical information before 1940 is limited.

County of Gage: Burlington

Gage Datum: 31.19 ft MSL

Main Stem Delaware Basin

County of Forecast Point: Burlington

Created 5/22/2016 9:00:06 AM

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
9/26/1975	3.09	1,050	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
8/29/1962	3.03	1,080	Hurricane Alma moved NE along the Eastern Seaboard on August 28 and clipped eastern New Jersey with heavy rain.
10/31/2012	2.58	659	Hurricane Sandy moved across NJ through PA producing 3 to 7 inches of rain with locally higher amounts in areas that saw flooding. The hurricane rapidly lost its tropical characteristics as it moved northwest.

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County of Forecast Point: Burlington